

20010517.qrp v02_n192.qrl.20010517

Date: Thu, 17 May 2001 19:03:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2192

QRP-L Digest 2192

Topics covered in this issue include:

- 1) [98319] Re: Is Mouser online ordering secure?
by "Phil (VA3UX)" <phil@vaxxine.com>
- 2) [98320] re: Reflections II
by Bill Stietenroth <k5zty@juno.com>
- 3) [98321] Re: BULK ROLL Teflon wire
by "DTX" <dtx@wood.tzo.com>
- 4) [98322] Re: RDQ: Sweep Generators
by William R Colbert <w5xe@juno.com>
- 5) [98323] Re: [HB] cordless phones/receiving AM w/FM
by adamvaz@palm.net (Adam Vazquez)
- 6) [98324] Re: RDQ: Sweep Generators
by "laura halliday" <marsgal42@hotmail.com>
- 7) [98325] Back on QRP
by Mike <kd0ar@alltel.net>
- 8) [98326] Re: [TenTec] Kachina discontinued
by "Winston F. Jones" <winjones@ix.netcom.com>
- 9) [98327] Re: wanted: AEA morse machine manual --TNX
by Nancy Rabel Hall <kc4iyd@yahoo.com>
- 10) [98328] Re: Ramsey's New DDS 20M Kit
by adamvaz@palm.net (Adam Vazquez)
- 11) [98329] RE: Hamfest forums
by "Craig W. Behrens" <craigwb@hiwaay.net>
- 12) [98330] RE: BULK ROLL Teflon wire
by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
- 13) [98331] Re: psk-31
by Fran Flynn <fflynn@adelphia.net>
- 14) [98332] Re: [HB] Messing with cordless phones
by "Randy at home" <rlp@swiftview.com>
- 15) [98333] FS: Power company load management receiver by Motorola. \$20 ppd. USA
by "Bob Duckworth" <wb4mnf@atl.org>
- 16) [98334] Mouser security redux
by "Robert P. Okas" <vintage@best.com>
- 17) [98335] Re: Mouser security redux
by Bruce Muscolino <w6toy@erols.com>
- 18) [98336] QRP for seniors
by "Terres Family" <terresfm@ncia.net>
- 19) [98337] NEQRP CW Net, Thursday, 17 May, 8:30 PM EDT, 3.565MHz (Note changes)

- by Chuck Ludinsky <cjl@mitre.org>
- 20) [98338] Re: QRP for seniors
by "Karl F. Larsen" <k5di@zianet.com>
- 21) [98339] LinPSK
by "Karl F. Larsen" <k5di@zianet.com>
- 22) [98340] RDQ: Sweep Generators
by "Ralph H. Fowler" <rhfowler@bellsouth.net>
- 23) [98341] Re: [HB] cordless phones/receiving AM w/FM
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 24) [98342] RE: RDQ: Sweep Generators
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 25) [98343] More intervention NOW please?
by Nils R Young <nilsbull@juno.com>
- 26) [98344] RE: Power company load management receiver by Motorola. \$20 ppd. USA
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 27) [98345] RE: More intervention NOW please?
by "John L. Sielke" <w2agn@pobox.com>
- 28) [98346] Improved 2N2222A?
by "Steve McDonald" <jsm@gulfislands.com>
- 29) [98347] RE: Mouser security redux
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 30) [98348] Re: QRP for seniors
by Phil Wheeler <w7ox@earthlink.net>
- 31) [98349] Spring QRPp Has Been Mailed
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 32) [98350] RE: Power company load management receiver by Motorola. \$20 ppd. USA
by Ted Wagner <kb9rpd@yahoo.com>
- 33) [98351] Re: RDQ: Sweep Generators
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 34) [98352] RE: Power company load management
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 35) [98353] Re: QRP for seniors
by Phil Wheeler <w7ox@earthlink.net>
- 36) [98354] Metal Mast Antenna Effects?
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 37) [98355] Inexpensive BNC connectors
by "Bob Tellefsen" <n6wg@earthlink.net>
- 38) [98356] Re: Improved 2N2222A?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 39) [98357] Re: Sweep Generator
by "Steven Weber" <kd1jv@moose.ncia.net>
- 40) [98358] TEST ONLY
by Mike Standbridge <ve7mst@goldcity.net>
- 41) [98359] Re: Power company load management
by "Mike Yetsko" <myetsko@insydesw.com>
- 42) [98360] Re: RDQ: Sweep Generators
by Stan Yarema <bg783@scn.org>

- 43) [98361] Re: Sweep Generator
by "Brad Hernlem" <alihernlem@hotmail.com>
- 44) [98362] RE: RDQ: Sweep Generators
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 45) [98363] INFORMAL NEQRP SSB RAGCHEW
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 46) [98364] RE: Mouser security redux
by "Dave Ek" <ekdave@earthlink.net>
- 47) [98365] RE: Improved 2N2222A?
by "Ed Tanton" <n4xy@att.net>
- 48) [98366] UPS Service, was mouser redux...
by "dave dabay" <kd3pc@mindspring.com>
- 49) [98367] Re: UPS Service, was mouser redux...
by Bruce Muscolino <w6toy@erols.com>
- 50) [98368] Re: Improved 2N2222A?
by Hugo <hugo@optonline.net>
- 51) [98369] Re: QRP for seniors
by n2go@arrl.net
- 52) [98370] Dayton
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 53) [98371] Re: Sweep Generator
by "David Porter" <aa3ur@home.com>
- 54) [98372] LinPSK-31
by "Karl F. Larsen" <k5di@zianet.com>
- 55) [98373] RE: UPS Service, was mouser redux...
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 56) [98374] Re: UPS Service, was mouser redux...
by John Rollins <kd7bcy@teleport.com>
- 57) [98375] new Kenwood radio?
by "Mark Paley" <mpaley@wcnet.org>
- 58) [98376] Re: QRP for seniors
by "Tony Fishpool" <g4wif@btinternet.com>
- 59) [98377] Re: LinPSK
by "Phinizy, William" <wphinizy@filenet.com>
- 60) [98378] RE: LinPSK-31
by "John L. Sielke" <w2agn@pobox.com>
- 61) [98379] More intervention = BS
by "AI2Q Alex" <ai2q@adelphia.net>
- 62) [98380] Re: Improved 2N2222A?
by Stan Yarema <bg783@scn.org>
- 63) [98381] Align ears to north
by Joe Street <jstreet@venus.uwaterloo.ca>
- 64) [98382] Book Bargains
by DYARNES@aol.com
- 65) [98383] NorCal Torrid Kits:
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 66) [98384] RE: LinPSK-31
by Stephan Greene <sgreene@patriot.net>

- 67) [98385] re: QRP for Seniors
by NA1XX@aol.com
- 68) [98386] Re: Align ears to north
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 69) [98387] RE: NorCal Torrid Kits:
by Mike Gipe <mgipe@reliablemeters.com>
- 70) [98388] RE: QRP for seniors
by Nick Kennedy <nkennedy@tcainternet.com>
- 71) [98389] RE: Book Bargains
by <schoon@amgt.com>
- 72) [98390] Re: UPS Service, was mouser redux...
by Bruce Muscolino <w6toy@erols.com>

Date: Wed, 16 May 2001 19:11:27 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: wd4et@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98319] Re: Is Mouser online ordering secure?
Message-ID: <5.0.2.1.0.20010516190931.009e3350@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:55 AM 5/16/2001 -0500, Jeffrey L Greer wrote:

>On Tue, 15 May 2001 20:47:06 -0400 "Doug Person"
><DougPerson@attglobal.net> writes:
> > I recently placed an order with LDG Electronics for their nice
> > digital SWR
> > meters. The very next day my MasterCard number was used for several
> > hundred dollars in fraudulent purchases. My card company, MBNA, caught on
> >
>
>Wow! Thank goodness MBNA was on the ball. Is MBNA going to credit your
>account for the charges?
>
>LDG is a fine company. I'm sure they were not involved.

Maybe LDG the company is not involved. But you can't tell about "Joe, the
order taker" at LDG who's only being paid 8 bucks an hour.

Phil

>Is anyone official going to trace the security leak?

>
>72, Jeff WD4ET
>-----
>GET INTERNET ACCESS FROM JUNO!
>Juno offers FREE or PREMIUM Internet access for less!
>Join Juno today! For your FREE software, visit:
><http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 May 2001 18:13:06 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-l@lehigh.edu
Subject: [98320] re: Reflections II
Message-ID: <20010516.181342.-3996209.1.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Walter Maxwell's book Reflections II is now available at Worldradio Books.
916-457-3655. \$19.95 plus S&H and tax for you in CA.
Mine's on the way. Order first then post to the list. Just like working DX

Bill, K5ZTY
Houston,TX

Date: Wed, 16 May 2001 16:04:10 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-l@lehigh.edu>
Subject: [98321] Re: BULK ROLL Teflon wire
Message-ID: <002701c0de5c\$84b0a320\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And be careful using it for wiring dgtital circuits. Straight runs are ok, but any sharp bends will cause bits to slip off and the resulting Corrupt Data msg's, Although in fairness to Teflon, this sometimes with enamel also ; -)

Gary

----- Original Message -----

From: "John L. Sielke" <w2agn@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, May 16, 2001 2:53 PM
Subject: RE: BULK ROLL Teflon wire

> Teflon wire is no good for antennas. The signals slip right off.
>
>
> John W2AGN

Date: Wed, 16 May 2001 17:26:27 -0600
From: William R Colbert <w5xe@juno.com>
To: wphinizy@filenet.com, qrp-1@lehigh.edu
Subject: [98322] Re: RDQ: Sweep Generators
Message-ID: <20010516.172628.-403211.5.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Mnay years ago in both QST - Hints and Kinks I think it was, and in CQ Magazine was several articles using a wobulator, which was a sweep oscillator for sweeping the filter circuit, and one could use the scope to look at the if where the filter was located. When I worked in the 2-way field many years ago, GE used to provide a sweep modulator kit which was a filament transformer, couple of caps, resistor and this kit was driven with a signal generator and the signal after passing thru the sweep mod kit caused a dual trace output to the scope, and the filter input/output could then be aligned by overlaying the traces showing on the scope. The wobulator provided the same type of alignment assistance.

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 May 2001 20:00:48 -0400
From: adamvaz@palm.net (Adam Vazquez)

To: alihernlem@hotmail.com, qrp-1@Lehigh.EDU
Subject: [98323] Re: [HB] cordless phones/receiving AM w/FM
Message-ID: <GDGDDD00.BSV@mo120usjc.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Question:

>

>Is it usual to be able to
>receive and understand AM
>signals using an
>FM detector?

A FM detector will decode AM using slope detection caused by the bandpass slopes on the IF Strip.
If the signal is sufficiently strong, clipping occurs and that is desirable for FM capture effect. Most of that noise you hear when receiving weak signal is due to lack of hard clipping and has an AM Component.

I had an old Pioneer stereo receiver with an excellent FM frontend that I would receive Philly stations from NYC.

Learned all about FM with that.

73 adam

Date: Thu, 17 May 2001 00:24:44
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [98324] Re: RDQ: Sweep Generators
Message-ID: <F14530kkZIhTrBoe2U800000352@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Does anyone know of a good (simple) circuit one can use to
>measure/show the response of filters (L/C or Xtal) on an
>oscilloscope. Doesn't have to be lab quality, just enough
>to provide an education and "soldering" practice.

There are two pieces to this puzzle: a source of RF, and a detector.

For RF, it's hard to beat one of the Mini Circuits VCOs

and a ramp generator. Any decent reference will provide circuits for sawtooth generators (I swear by Horowitz & Hill). If the output of the VCO isn't what you need, mix and filter it as needed. This is how they make sweep oscillators over very wide ranges, BTW: while an oscillator that sweeps over 1 to 100 MHz is a pretty tough proposition, one that sweeps over (say) 1.0 to 1.1 GHz is easy. Mix with 999 MHz, low-pass filter, and you're done.

Use lots of attenuation to provide a well-defined load. You're sweeping circuits whose impedances are weird. That's why you're sweeping them. :-)

For a detector, while any RF detector will do, log amp chips are available, easy to use, and will give you output in dB. Use a "real" log amp like AD8307, or use the S meter output from an IF subsystem chip. Look at W7ZOI/K7TAU spectrum analyzer that was in QST a couple of years ago for a good discussion. It has a good ramp circuit too.

You can build a logarithmic detector from discrete components if you want. PA0KSB published one in _ham radio_. S53MV had one in VHF Communications/UKW Berichte as part of a spectrum analyzer. YMMV.

Take some care, and while it won't quite be lab quality, it will be awfully good. And great fun to play with.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

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Date: Wed, 16 May 2001 19:58:46 -0400
From: Mike <kd0ar@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98325] Back on QRP
Message-ID: <01051620202600.00753@shack>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Well, I'm back on the air running low power!

Its been over 10 years, and I had a blast running my new SW-30+. Its sure a lot more convenient to operate than the stuff I used to run back in the 80's. Fun to operate and fun to build.

Thank everyone who responded to the antenna tuner question I posted a few days ago. I built W0CH's tuner, but kept them all and plan on trying several to compare.

Last night was a bust, I didnt work anyone but this afternoon I worked Tennessee and New York with 1 1/2 watt. Not bad for a K of 3 and an A of 15.

Station lineup tonight was the SW-30+, a 12V 6.5 AH gel cell, and the antenna was actually my Hustler 4BTV on the roof, using the little tuner. I got lucky as that the impedance must have been real high because I used the end fed halfwave tuner and it tuned up nicely. The antenna is coax fed, so I'm sure the losses were high. I plan on putting up a resonant dipole for 30 after I return from Dayton.

This little rig is meant to be my campsite radio, but it is so much fun operating it, I'm sure it will see many hours on the air from the home QTH as well.

I joined this group to locate some old friends who I knew in South Dakota, but in the meantime the group sparked my interest in QRP operating again. Thanks to the group for a fantastic forum.

Mike, kd0ar

www.alltel.net/~kd0ar

Date: Wed, 16 May 2001 20:57:04 -0400
From: "Winston F. Jones" <winjones@ix.netcom.com>
To: <khopper@uchicago.edu>, <tentec@contesting.com>, "QRP-L" <qrp-l@Lehigh.EDU>, <tentec@qth.net>
Subject: [98326] Re: [TenTec] Kachina discontinued
Message-ID: <00c401c0de6c\$58a02b60\$695e56d1@netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Although I'm 100% Ten-Tec, it's a sad day for amateur radio when any manufacturer leaves the ham radio business, especially an American manufacturer. Competition is good for the hobby, but there's just no money

anymore in the ham business. With Ten-Tec Jupiter's ability to be upgraded by software, it seems that hams will soon have no need to buy a new radio unless the box just falls apart, or like some car buyers, they just want something with a different look.

I fear someday that ham radio will only be a small segment of a larger pasttime called "digital wireless," which will be some strange mixture of Internet and HF frequencies. It will continue to become more menus and software and less knobs and switches. That's just my humble prediction!!
73, Winston K4CWQ

----- Original Message -----

From: "Ken Hopper" <khopper@uchicago.edu>

To: <tentec@contesting.com>; "QRP-L" <qrp-l@Lehigh.EDU>; <tentec@qth.net>

Sent: Wednesday, May 16, 2001 15:02 PM

Subject: [TenTec] Kachina discontinued

>

> From: <kachina@sedona.net>

> Date: Wed, 16 May 2001 12:41:24 -0400

> Subject: [Kachina] 505DSP to be Discontinued

> Message-Id: <200105161641.MAA12318@swiftwireless.net>

>

>

>

> Hello All,

>

> Yes, it's true. I am sorry to report to you that effective 5/24/01,
Kachina

> Communications, Inc. will discontinue production of all HF radio products,
> including the 505DSP and its related accessories. As you may know, many
of

> the top management of Kachina are hams, so this has not been an easy
> decision to make. However, given the reduced worldwide demand for amateur
> radio in general, and HF radio in particular, it seems the only sensible
> choice for us to make.

>

> From discussions with some of the top contacts in our industry over the
last

> several years, it has become obvious that most companies manufacturing
> amateur radio products these days (including the top Japanese brands) do
so

> out of a labor of love, supporting the losses from other more-profitable
> ventures. Unfortunately, we do not have the resources of a Kenwood or
> Yaesu, and simply cannot afford to support an unprofitable product line
> indefinitely.

>
> Kachina Communications, Inc. will remain in business in Arizona, as we
have
> done for the past 25 years. In future we will concentrate on our Swift
> Wireless line of broadband wireless Internet products and services. Swift
> Wireless operates a wireless Internet service in several Arizona
communities
> and provides turn-key services to other ISPs throughout the Southwest.
We
> will continue to provide service and spares for all Kachina HF radio
> products for the foreseeable future, and will honor all factory warranties
> through the duration of the warranty period.
>
> The amateur radio products remaining in our inventory will be made
available
> through our web side at clearance prices, so if you are looking for a
> bargain, check there (<http://kachina-az.com>) beginning May 25th.
>
> I would like to thank all of those who purchased the 505DSP over the last
> several years. I am sorry that we could not continue to manufacture the
> 505DSP, but we will do our best to continue to provide service to you in
the
> future. I would also like thank Sherman Leifer of M&S Computers, who was
a
> big supporter of the 505DSP for a number of years, and singlehandedly sold
> more 505DSP than all the HRO and AES outlets combined. Sherman and I do
> not always see eye-to-eye on everything, but his efforts and abilities
kept
> the 505DSP alive for a lot longer than it might have otherwise been.
>
> Thanks and best regards,
>
>
> Cameron Earnshaw
> Vice President
> Kachina Communications, Inc.
>
> --
> FAQ on WWW: <http://www.contesting.com/FAQ/tentec>
> Submissions: tentec@contesting.com
> Administrative requests: tentec-REQUEST@contesting.com
> Problems: owner-tentec@contesting.com
>

Date: Wed, 16 May 2001 18:22:51 -0700 (PDT)

From: Nancy Rabel Hall <kc4iyd@yahoo.com>
To: Tom Pennebaker <n4rs@netpath-rc.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98327] Re: wanted: AEA morse machine manual --TNX
Message-ID: <20010517012251.23909.qmail@web614.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

Thanks for all the replies. I was able to get a copy.
BTW- its the morse machine model MM3 that I had. I
didn't realize there were others until someone asked
what version I had.

Tom -- the web site lists the manual for the MM1 only
but I have bookmarked that site in case I need other
manuals.

Thanks again all
72 de kc4iyd/8
Nancy

--- Tom Pennebaker <n4rs@netpath-rc.net> wrote:
> Take a look at this site...
> <http://www.w7fg.com/cgi-bin/cat.cgi?find=A> Don't
> know what your model is, AEA stuff is listed, hope
> it's there..Tom N4RS

Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
<http://auctions.yahoo.com/>

Date: Wed, 16 May 2001 22:18:45 -0400
From: adamvaz@palm.net (Adam Vazquez)
To: qrp-1@Lehigh.EDU
Subject: [98328] Re: Ramsey's New DDS 20M Kit
Message-ID: <GDGJR900.CWZ@mo110usjc.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello de Adam Kb2Jpd

Anyone trying out the Ramsey 20m radio kit? Let us know how the kit is

coming along.

Good kitbuilding.

Adam Kb2jpd

Date: Wed, 16 May 2001 21:26:21 -0500
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "QRP-L QRP-L" <qrp-l@Lehigh.EDU>, "qrpARCI-LIST" <qrparci@listbot.com>, "Chuck Lewis" <clewis@knology.net>
Subject: [98329] RE: Hamfest forums
Message-ID: <LPBBIKBNB00LHAAJAHJGCEPKCHAA.craigwb@hiwaay.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks for helping me get things started for this, Chuck. I'm with the QRP ARCI gang up here at Dayton, as we speak. I'll get to work and get right back to you with some tentative plans.

Yup...finally made it to Dayton...after all these years ;-)

Hey, all you QRP gurus--please check in with me with some presentation ideas and possible commitments for the Huntsville, AL, Ham Fest in mid August. Let's come up with de plan!

Thanks for the help.

72/73 & DX,
Craig W. Behrens--NM4T
Madison, AL

-----Original Message-----
From: Chuck Lewis [mailto:clewis@knology.net]
Sent: Tuesday, May 15, 2001 9:10 PM
To: Craig W. Behrens
Cc: J.C. Winter, Jr.
Subject: Hamfest forums

Craig,

Can you give us a head's-up prognostication about how many QRP forum topics you are likely to cover? I suspect that if you need an all-day room, we can accommodatecha, and that would let you set the schedule breaks as you see

fit. I'll need to clear that with Johnny Winter, but I think he'll agree. We can get the specific titles later, and we'll also need to know what kind of A/V equipment you'll need, too, and a conservative estimate of attendance, so we can size the room. I believe we can get one of the mezzanine rooms in the North hall (the ones we used to use up around the balcony) if that would suit you, too. Give us a little alert and we'll fix ya up.

Chuck Lewis

Date: Wed, 16 May 2001 21:29:36 -0500
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [98330] RE: BULK ROLL Teflon wire
Message-ID: <000001c0de79\$39a9c3d0\$cb3ec6d8@wb5rue1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's what I thought, makes a horrible RF burn in the grass too!

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of John L. Sielke
Sent: Wednesday, May 16, 2001 4:54 PM
To: Low Power Amateur Radio Discussion
Subject: RE: BULK ROLL Teflon wire

Teflon wire is no good for antennas. The signals slip right off.

John W2AGN

Date: Wed, 16 May 2001 22:32:07 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [98331] Re: psk-31
Message-ID: <3B033827.F03A6503@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have used a Toshiba T4700 for psk31. It's a 486-50 with built in sound card. It was slow, but it was cheap and it worked, good enough for psksbw108, but a bit slow for digikey (still worked). Psksbw is the original psk software written by Peter Martinez.

So the answer is, at minimum, any 486 with sound card, of course anything newer will work as well or better.

Psk31 is a great mode for Qrp! So this pertains to the qrp list as far as I'm concerned.

Direct any and all flame mail to /dev/null

-72, Fran km1z

>>>>From: joe living <jliving2001@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [98272] psk-31
Message-ID: <20010515230936.95551.qmail@web10605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi gang

I'm getting started in psk31 and would like to take it portable with me when I travel. What would be a good portable computer for me to use with my psk-20. I see a lot of used laptops on Ebay.

Joe W3GW

Date: Wed, 16 May 2001 19:50:43 -0700
From: "Randy at home" <rlp@swiftview.com>
To: alihernlem@hotmail.com, qrp-l@lehigh.edu
Subject: [98332] Re: [HB] Messing with cordless phones
Message-ID: <web-76996@swiftview.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 8bit

> Question:

>

> Is it usual to be able to receive and understand AM signals using an

> FM detector?

Most simple FM detectors do equally well on AM. However, the limiter stages ahead of the detector strip all of the AM, so it is not a problem. Perhaps you went around the limiters or somehow disabled them.

Randy Prakken
K7ZSB

Date: Wed, 16 May 2001 23:29:03 -0400
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98333] FS: Power company load management receiver by Motorola. \$20 ppd. USA
Message-ID: <200105170324.XAA24883@hat-trick>

I only have one of these.

\$20 ppd. USA
Power company load management receiver by Motorola.
Can be put on 2m.
Have fun
Build something.
See it at
http://199.184.215.33/~bob/canton_lot_001/MOT01.JPG
http://199.184.215.33/~bob/canton_lot_001/MOT02.JPG
.
.
.
http://199.184.215.33/~bob/canton_lot_001/MOT07.JPG

-bob

Date: Wed, 16 May 2001 23:05:41 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-1@lehigh.edu
Subject: [98334] Mouser security redux
Message-ID: <Pine.BSF.4.21.0105162234020.5137-100000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

Thanks for all of the assurances. My standard for comparison is Amazon.com, among other online retailers. In conducting online purchases with the aforementioned, a window flashed up indicating that a secure internet transaction was about to occur. A pleasant reassurance for skeptical me! I got used to being e-coddled that way. Mouser is a bit more to the point. Ok, I'm recalibrated.

One gripe, though. Using Amazon as a reference, I know exactly what my CC will be charged when I hit the buy button; no surprises, regardless of shipping method. Jeff Bezos is on top of this. With Mouser, I know the total of my purchase, but shipping cost is a bit of a mystery. Only when I receive a follow-up email do I know the shipping cost. In my case, it was over 25% of the order for UPS 3 day! Grumble, grumble, an unpleasant surprise. It don't take much code to figure this out. Maybe Rev. 2.0 will address this...

73,
Bob - W3CD

Date: Thu, 17 May 2001 05:33:56 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: vintage@best.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98335] Re: Mouser security redux
Message-ID: <3B039B04.D047E069@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

It seems that the only thing YOU did wrong was to specify UPS 2nd day delivery. Since we live in the same general area, I'll let you in on a little secret. Most Mouser orders shipped out of New Jersey by Regular Ground arrive as fast as Second Day Air. Only when they have to ship from Texas is there any difference!

73

Date: Thu, 17 May 2001 06:42:33 -0400

From: "Terres Family" <terresfm@ncia.net>
To: <zmola@campbellsci.com>, "Zone Billing Customer Support"
<zbilling@microsoft.com>, "SANDRA PIQUER LAHMI" <YORMANS@NET-WAY.NET>,
<wendy_lyn@unforgettable.com>, "Webmaster" <webmaster@digikey.com>,
<we6w@qsl.net>, "Ed Loranger" <we6w@netzero.net>, <wb8rcr@arrl.net>,
Subject: [98336] QRP for seniors
Message-ID: <000701c0debe\$68022f20\$9682f3ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Clinton's Mother was a nurse anesthetist and on his last day in office he made a move to let nurses give anesthesia to Medicare patients without the supervision of a doctor.

The change has not taken effect yet. This is the last chance to let your opinion be known.

please check out:

<http://www.cnn.com/2001/HEALTH/05/16/anesthesia.debate/index.html>

<http://www.anesthesiasafety.net/>

sincerely,
Jerry Terres

Date: Thu, 17 May 2001 07:30:11 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [98337] NEQRP CW Net, Thursday, 17 May, 8:30 PM EDT, 3.565MHz (Note changes)
Message-ID: <3B03B643.C0F4891B@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 17 May 2001, at 8:30 PM EDT (0030Z, 18 May 01) on or near 3.565 MHz. Net control operator for tonight's 80M session will be Chuck, K1CL, operating from Chelmsford, MA. PLEASE NOTE THE CHANGE FROM 3.561MHZ TO 3.565MHZ, AS WELL AS THE REVISED TIME OF 8:30PM. We will also be calling CQ on or around 9:00 PM for those who prefer the old time.

Net control op for last week's session was John, WB1HBE, operating from Chelmsford, MA. We had 15 participants, and a net that ran almost an hour and a half:

N1EI	Charlie	Mansfield, CT	599
K1RC	John	Dracut, MA	599
K1CL	Chuck	Chelmsford, MA	599
K1CWZ	Spi	Nashua, NH	559
W1CFI	Paul	Falmouth, MA	559
K1LGQ	Dennis	Brookline, NH	599
AE4IC	Bob	Greensboro, NC	449
W1PID	Jim	Sanborton, NH	599
KA3WMJ	Ken	Erwinna, PA	599
WA3WAW	Bert	Uniontown, PA	449
KB0VCC	Dale	Conway, NH	229
AA1MY	Seab	Bethel, ME	599
W1FMR	Jim	Salem, NH	599
N1ZSW	Ron	Worcester, MA	229
WB1HBE	John	Chelmsford, MA	(net op)

John reported that "Conditions were excellent, as well as signals for the most part. All who commented with regard to the new starting time of 0830 EDT spoke positively of the new start time, with no negative comments. Also, worthy of note was Dennis's comment regarding sliding up 4 KHz or so to avoid QRM. Maybe something to try next time (in bold letters in the weekly notices). I think the QRS speed, although a bit more difficult, may help new comers. I don't expect all net ops to QRS but I will try to do it at times. The new start times helps facilitate QRS."

72 DE K1CL
Chuck.

Date: Thu, 17 May 2001 05:37:48 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Terres Family <terresfm@ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98338] Re: QRP for seniors
Message-ID: <Pine.LNX.4.33.0105170532120.1063-1000000@cannac.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here in Las Cruces NM nurses have been giving mild anesthesia to patients for many years. For total deep anesthesia a doctor, supported by

a nurse is used. No-one thinks a nurse can do this alone.

I had a stint placed in my heart 2 years ago. All the anesthesia I got was administered by a nurse with a needle. It worked fine, I slept through the whole event. Had to look at the movie later.

On Thu, 17 May 2001, Terres Family wrote:

> Clinton's Mother was a nurse anesthetist and on his last day in office he
> made a move to let nurses give anesthesia to Medicare patients without the
> supervision of a doctor.
>
> The change has not taken effect yet. This is the last chance to let your
> opinion be known.
>
> please check out:
>
> <http://www.cnn.com/2001/HEALTH/05/16/anesthesia.debate/index.html>
>
> <http://www.anesthesiasafety.net/>
>
> sincerely,
> Jerry Terres
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 17 May 2001 05:42:56 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [98339] LinPSK
Message-ID: <Pine.LNX.4.33.0105170538360.1063-100000@cannac.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I found a linux version of PSK that looks and feels like digipan but more like WinPSK. It compiled fine under red hat 7.1 after I loaded the Qt-1.4 libs from the second cd-rom. Reboot and it will compile. It has the waterfall or "scope" display of received signals and tunes to a

frequency and then sticks with a drifty signal quite well.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 17 May 2001 8:25:49 -0400
From: "Ralph H. Fowler" <rhfowler@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [98340] RDQ: Sweep Generators
Message-ID:
<20010517122634.QDVA16933.imf05bis.bellsouth.net@mail.lig.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

QEX also published an article on a swept generator for crystal filter
characterization some years ago.

Date: Thu, 17 May 2001 08:40:44 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [98341] Re: [HB] cordless phones/receiving AM w/FM
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9E60@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Slope detection normally refers to receiving FM with an AM detector.

It is possible to copy SSB and AM on an FM detector, but signal levels
are critical, making this effect more of a curiosity than a usable
technique.

Similarly, it is possible to use one of these FM chips to make a CW/SSB
receiver
that performs much worse than an NE602 based radio.--Zack W1VT

Date: Thu, 17 May 2001 08:57:22 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98342] RE: RDQ: Sweep Generators
Message-ID: <078F21595FA7D411B87B00805FA728E64A4777@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

You could make your signal generator a sweep generator by using a motor driven variable capacitor with out stops on it, in parallel with the main variable cap. Not a classy solution but functional.

Jerry
W3CDE

-----Original Message-----
From: William R Colbert [mailto:w5xe@juno.com]
Sent: Wednesday, May 16, 2001 4:26 PM
To: Low Power Amateur Radio Discussion
Subject: Re: RDQ: Sweep Generators

Mnay years ago in both QST - Hints and Kinks I think it was, and in CQ Magazine was several articles using a wobulator, which was a sweep oscillator for sweeping the filter circuit, and one could use the scope to look at the if where the filter was located. When I worked in the 2-way field many years ago, GE used to provide a sweep modulator kit which was a filament transformer, couple of caps, resistor and this kit was driven with a signal generator and the signal after passing thru the sweep mod kit caused a dual trace output to the scope, and the filter input/output could then be aligned by overlaying the traces showing on the scope. The wobulator provided the same type of alignment assistance.

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 17 May 2001 09:51:08 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [98343] More intervention NOW please?

Message-ID: <20010517.095112.-473525.0.nilsbull@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Samideanoj!

Just in time to have \$40 to hand Bill Kelsey for the FOXX3 kit tomorrow, I went looking for "QRP" "transceiver and ended up, after looking at a lot of neat ideas from non-gringo places, at this URL:
<http://www.fenghuoradio.com/>

You will be tempted. Especially the "special forces" types who, like me, love green radios with waterproof covers & knobs that take real "he-man" brute strength to turn. And which probably cost more than your car, even if you did bring it home in pieces in your lunchbox.

Or, if you're not tempted, you may think of all the radios you've known which, when mounted on the back of some poor soul, also carried a six-foot mast that said "Shoot me first!"

And there's always the flea market, nez pierce?

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://w8ijn.www6.50megs.com> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 17 May 2001 10:18:45 -0400

From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [98344] RE: Power company load management receiver by Motorola. \$20 ppd.
USA

Message-ID: <078F21595FA7D411B87B00805FA728E64A4779@atlexc02ntms.hboc.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Gee Bob, I got mine free from the power company 8-). Use load shedding in your home and save on your electricity bill. I save about 50%!! Great in the summer with A/C.

Jerry
W3CDE

-----Original Message-----

From: Bob Duckworth [mailto:wb4mnf@atl.org]
Sent: Wednesday, May 16, 2001 8:29 PM
To: Low Power Amateur Radio Discussion
Subject: FS: Power company load management receiver by Motorola. \$20 ppd. USA

I only have one of these.

\$20 ppd. USA
Power company load management receiver by Motorola.
Can be put on 2m.
Have fun
Build something.
See it at
http://199.184.215.33/~bob/canton_lot_001/MOT01.JPG
http://199.184.215.33/~bob/canton_lot_001/MOT02.JPG
.
.
.
http://199.184.215.33/~bob/canton_lot_001/MOT07.JPG

-bob

Date: Thu, 17 May 2001 10:22:56 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: Nils R Young <nilsbull@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98345] RE: More intervention NOW please?
Message-ID: <XFMail.20010517102256.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Ah, Yes. Another fine opportunity to lend financial support to a country that holds our people hostages, then blackmails us to return an airplane, to say nothing of the atrocities they commit against their own people.

John W2AGN (who would rather contribute to the Mcveigh defense fund)

On 17-May-2001 Nils R Young wrote:

> Samideanoj!
>
> Just in time to have \$40 to hand Bill Kelsey for the FOXX3 kit tomorrow,
> I went looking for "QRP" "transceiver and ended up, after looking at a
> lot of neat ideas from non-gringo places, at this URL:
> <http://www.fenghuoradio.com/>

Date: Thu, 17 May 2001 07:28:07 -0700
From: "Steve McDonald" <jsm@gulfislands.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98346] Improved 2N2222A?
Message-ID: <002201c0dedd\$981f4a20\$5112f4cc@jms>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone suggest a transistor that is slightly better than a 2N2222A? I can squeeze 1W from a pair of 2N2222s...is there something out there that will give me 2W for the same drive?

Steve / VE7SL

Date: Thu, 17 May 2001 10:29:47 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98347] RE: Mouser security redux
Message-ID: <078F21595FA7D411B87B00805FA728E64A477A@atlexc02ntms.h boc.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Bob,

You can thank the U.S. Postal service for the added cost! They forced all other carriers to charge a minimum of \$5.00 more than the USPS rate for package delivery. Nothing like a captive market!! Due to their inefficiencies, we have to pay and the junk mailers still get almost free delivery. Hummmm... what's wrong with this picture??

Jerry
W3CDE

-----Original Message-----

From: Robert P. Okas [mailto:vintage@best.com]
Sent: Wednesday, May 16, 2001 11:06 PM
To: Low Power Amateur Radio Discussion
Subject: Mouser security redux

Hi Gang,

Thanks for all of the assurances. My standard for comparison is Amazon.com, among other online retailers. In conducting online purchases with the aforementioned, a window flashed up indicating that a secure internet transaction was about to occur. A pleasant reassurance for skeptical me! I got used to being e-coddled that way. Mouser is a bit more to the point. Ok, I'm recalibrated.

One gripe, though. Using Amazon as a reference, I know exactly what my CC will be charged when I hit the buy button; no surprises, regardless of shipping method. Jeff Bezos is on top of this. With Mouser, I know the total of my purchase, but shipping cost is a bit of a mystery. Only when I receive a follow-up email do I know the shipping cost. In my case, it was over 25% of the order for UPS 3 day! Grumble, grumble, an unpleasant surprise. It don't take much code to figure this out. Maybe Rev. 2.0 will address this...

73,
Bob - W3CD

Date: Thu, 17 May 2001 07:41:30 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: terresfm@ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98348] Re: QRP for seniors

Message-ID: <3B03E31A.51BFAB59@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Obnoxiously Off Topic, whatever one's views of things Clintonesque.

Terres Family wrote:

>

> Clinton's Mother was a nurse anesthetist and on his last day in office he
> made a move to let nurses give anesthesia to Medicare patients without the
> supervision of a doctor.

>

Date: Thu, 17 May 2001 06:43:50 -0700

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: <qrp-1@lehigh.edu>

Subject: [98349] Spring QRPP Has Been Mailed

Message-ID: <01c0ded7\$67bab80\$330b0d0a@doug.dph.dpol.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys, the spring issue of QRPP has been mailed today. This issue features the work of Jim Kortge building the Iowa QRP-10. Thanks for your support. Enjoy. 72, Doug

Date: Thu, 17 May 2001 07:44:51 -0700 (PDT)

From: Ted Wagner <kb9rpd@yahoo.com>

To: qrp-1@Lehigh.EDU

Subject: [98350] RE: Power company load management receiver by Motorola. \$20 ppd. USA

Message-ID: <20010517144451.20927.qmail@web14008.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

What is load shedding?

Thanks

73, Ted

--- "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com> wrote:
> Gee Bob, I got mine free from the power company 8-). Use load shedding
> in
> your home and save on your electricity bill. I save about 50%!! Great
> in
> the summer with A/C.
>
> Jerry
> W3CDE
>
> -----Original Message-----
> From: Bob Duckworth [mailto:wb4mnf@atl.org]
> Sent: Wednesday, May 16, 2001 8:29 PM
> To: Low Power Amateur Radio Discussion
> Subject: FS: Power company load management receiver by Motorola. \$20
> ppd. USA
>
>
> I only have one of these.
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> \$20 ppd. USA
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> Can be put on 2m.
> Have fun
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> See it at
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> http://199.184.215.33/~bob/canton_lot_001/MOT02.JPG
> .
> .
> .
> http://199.184.215.33/~bob/canton_lot_001/MOT07.JPG
>
> -bob

=====

KB9RPD
Ted Wagner
Plainfield, IN 46168 USA
<http://www.qrz.com/database?callsign=kb9rpd>

Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
<http://auctions.yahoo.com/>

Date: Thu, 17 May 2001 10:59:33 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [98351] Re: RDQ: Sweep Generators
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9E62@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The varactor tuned VFO circuit used in many QRP rigs
can be used as a sweep generator for testing crystal filters.
For narrow filters, you could use RIT circuitry to conveniently
cover a the small bandwidth needed.--Zack W1VT

Date: Thu, 17 May 2001 11:11:30 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98352] RE: Power company load management
Message-ID: <078F21595FA7D411B87B00805FA728E64A477E@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Ted,

Many power companies offer load shedding for a big discount in power prices.
I agree, as a residential customer, to pull the minimum amount of power from
the AC mains during the hours of 3 PM to 8 PM. all power I use during this
time is 400% of the going residential customer rate. Off hours, the rest of
the day, I get power at 40% of what everyone else pays... I usually use
3KWH during the peak time hours, mostly for refrigerators and miscellaneous
things around the house, clocks etc. I cool down the house from 12 Noon to
2:59 PM and it keeps OK till 8:02 PM when I start the air conditioners. In
the winter time, I get power at about 60% of the regular rate. I smile all
the way to the bank. Last summer, my highest electric bill was about \$93.00
my neighbors were \$400 and UP.

I also have remote switches on my air conditioners that the power company
can kill power to the compressor for up to 15 minutes at a time during a
peak load. I usually get back around \$50.00 in November for this.

Call your power company and ask if they offer such a program. It also helps
cut pollution which I heavily support.

Jerry

-----Original Message-----

From: Ted Wagner [mailto:kb9rpd@yahoo.com]
Sent: Thursday, May 17, 2001 10:45 AM
To: Low Power Amateur Radio Discussion
Subject: RE: Power company load management receiver by Motorola. \$20
ppd. USA

What is load shedding?

Thanks

73, Ted

--- "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com> wrote:
> Gee Bob, I got mine free from the power company 8-). Use load shedding
> in
> your home and save on your electricity bill. I save about 50%!! Great
> in
> the summer with A/C.
>
> Jerry
> W3CDE

Date: Thu, 17 May 2001 09:00:53 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: Nv4t@aol.com, QRP List <qrp-l@lehigh.edu>
Subject: [98353] Re: QRP for seniors
Message-ID: <3B03F5B5.A3851FFE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

So are many things, including death and the energy crisis.

Not a qrp-l issue, though. Even the misuse of qrp in the title is
obnoxious.

w7ox

Nv4t@aol.com wrote:

>
> Although it may appear *obnoxious", it IS A SERIOUS MATTER.
> Supervision is
> needed!!!!

Date: Thu, 17 May 2001 12:25:35 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-1@Lehigh.EDU
Subject: [98354] Metal Mast Antenna Effects?
Message-ID: <0F75ECF859.33190484-0N85256A4F.0059D1DD@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I have been doing some reading on wire antennas. I have not seen any reference if metal masts have any effect on wire antennas. Do metal masts have any effect on the physical length? Change the radiation pattern? etc

I am not looking for an answer but to be pointed to good reference material.

Thanks in advance.

Ron - N1ZSW

Date: Thu, 17 May 2001 09:33:12 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [98355] Inexpensive BNC connectors
Message-ID: <MABBJOEABOILMKCJCLFCKEEHCHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently discovered a company called BOMAR that sells connectors of various sorts.

I've purchased a bunch of BNC clamp-style connectors and chassis mount connectors from them with very good results.

I forget just now what I paid for the BNC clamp-style connectors, but it wasn't much.

The chassis mount units were about 17 cents each, including nut and ground lug.

Needless to say, I bought a bunch.

Turns out that BOMAR is the manufacturer of these connectors, and sells

their
production overruns very cheaply.

Their URL is <http://www.bomarinterconnect.com/html1/clearance.html>

As usual, no connection to company, just satisfied user.

73, Bob N6WG

Date: Thu, 17 May 2001 09:53:16 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [98356] Re: Improved 2N2222A?
Message-ID: <MABBJ0EAB0ILMKCJCLFCEEEICHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Steve
You could look at the 2N2219.
I understand it is essentially the same chip, just in a metal can.
That means you can heat sink it, and probably drive it a bit harder.
73, bob N6WG

Date: Thu, 17 May 2001 12:31:12 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [98357] Re: Sweep Generator
Message-ID: <200105171703.f4HH3T417086@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Also look at the Maxim MAX038 function generator chip.

0.1 Hz to 20 MHz, Triangle, Sawtooth, Sine, Square and Pulse
waveforms can be generated. Uses current controlled R/C oscillator and
is easy to sweep, with up to 350 : 1 sweep range.
Digi-Key has them, but ouch, \$21.95 each!

72,
Steve, KD1JV in the white Mountains of New Hampshire

"melt solder"

Date: Thu, 17 May 2001 10:15:53 -0700
From: Mike Standbridge <ve7mst@goldcity.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98358] TEST ONLY
Message-ID: <3B040749.1020101@goldcity.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

This is a test and only a test.
Thanks
72 de VE7MST

Date: Thu, 17 May 2001 13:05:16 -0400
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <Jerry.Lofstead@itb.mckhboc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98359] Re: Power company load management
Message-ID: <003f01c0def3\$f661d600\$4206d10a@endpoints.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm... I have 'demand side servicing'.

I'd have to check, but I think I only pay about 30% more during 'peak', and I pay about 10% off peak. (Exclusive of other charges. It nets out I think at just over 1/3 overall.) I have electric heat in my house with thermal storage units (a fancy name for a box full of ceramic bricks) that 'charge up' overnight under control of a computer that 'talks' to my meter system (I don't have a standard dial meter). Until the bills went nuts this year, my biggest electric bill for over 3 years was \$209, for a TOTAL electric home that is 40 years old, not insulated well, and has over 4 times the air exchange rate as recommended. Even with the new rates, my biggest was \$260. (And that includes \$20 a month to lease my special meter.)

My 'peak time is 8am to 9pm, essentially the whole day. But like you, I can chill the house in the summer for essentially

pennies with the A/C at 'off times'. I don't get recurring discounts for having devices under power company control, but I DID get a one time conversion incentive to have my house 'wired' that way when it was installed. I think of the \$8K plus in grants that I managed to get, over \$1400 of it was for 'switched devices'.

Mike

> Ted,
>
> Many power companies offer load shedding for a big discount in power prices.
> I agree, as a residential customer, to pull the minimum amount of power from
> the AC mains during the hours of 3 PM to 8 PM. all power I use during this
> time is 400% of the going residential customer rate. Off hours, the rest of
> the day, I get power at 40% of what everyone else pays... I usually use
> 3KWH during the peak time hours, mostly for refrigerators and miscellaneous
> things around the house, clocks etc. I cool down the house from 12 Noon to
> 2:59 PM and it keeps OK till 8:02 PM when I start the air conditioners. In
> the winter time, I get power at about 60% of the regular rate. I smile all
> the way to the bank. Last summer, my highest electric bill was about \$93.00
> my neighbors were \$400 and UP.
>
> I also have remote switches on my air conditioners that the power company
> can kill power to the compressor for up to 15 minutes at a time during a
> peak load. I usually get back around \$50.00 in November for this.
>
> Call your power company and ask if they offer such a program. It also helps
> cut pollution which I heavily support.
>
> Jerry
> -----Original Message-----
> From: Ted Wagner [mailto:kb9rpd@yahoo.com]
> Sent: Thursday, May 17, 2001 10:45 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: Power company load management receiver by Motorola. \$20
> ppd. USA
>

>
> What is load shedding?
>
> Thanks
>
> 73, Ted
>
> --- "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com> wrote:
> > Gee Bob, I got mine free from the power company 8-). Use load shedding
> > in
> > your home and save on your electricity bill. I save about 50%!! Great
> > in
> > the summer with A/C.
> >
> > Jerry
> > W3CDE
>

Date: Thu, 17 May 2001 10:12:41 -0700 (PDT)
From: Stan Yarema <bg783@scn.org>
To: "Phinizy, William" <wphinizy@filenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98360] Re: RDQ: Sweep Generators
Message-ID: <Pine.SUN.3.96.1010517101141.28218A-100000@scn>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

To see the spectrum on a scope of a wide band filter such as a low-pass TX filter you need a spectrum analyzer. Even the simpler ones are a big project. Laura's note outlines what you need.

There is a simple way to look at narrow-band filters, IF or audio filters for selectivity. A noise source as input --> filter --> detector (if IF filter) --> sound card. Spectrum analyzer software will show you the pass-band with pretty good resolution. (more below)

For example, you can see how your receivers filters are doing by feeding the audio output to your sound card. Freq51 or Gram426 software are two freeware packages that will show the pass-band. Use an antenna and tune to no signal spot for more noise. I like Freq51 for this because it has a fast rise, exponential decay option. So, it builds up an envelope of noise coming through. You can even print it out. Bandwidth is adjustable to 22 Khz maximum.

Freq51 is a DOS application that will run under windows OK. I'm not

sure where I got it but it originated at the U of Mich computer science dept.

Gram426 is a windows application an also has the PSK31 waterfall type display.

Here are a couple of likely sites to find these packages and many others.

<http://www.muenster.de/~welp/sb.htm>

<http://nitehawk.com/rasmit/>

You could make a simple test rig using a noise source like those used in an antenna bridge. The 'handbook' has example circuits. Feed the noise to your filter and use a simple AM detector at the output. Feed the output to the mic input of the sound card for enough gain.

If your looking at LC or active audio filters you need a wide-band noise source with a spectrum extending to very low freq. The function generator software that came up recently has noise output. < www.nch.com.au >

The noise sources need to have equal noise at all frequencies, i.e. WHITE noise. But then, you can measure the noise without the filter and compare for accurate results.

Maybe someone else has some ideas for audio noise sources.

72 Stan, K7SY

PS - don't bother to download MicFFT, it appears to only work with the original 8 bit sound card.

Date: Thu, 17 May 2001 17:39:20
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: kd1jv@moose.ncia.net
Cc: qrp-1@lehigh.edu
Subject: [98361] Re: Sweep Generator
Message-ID: <F252x4vvvsG0kevWWGxe00000da5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Steve,

Maxim was kind enough to send me a couple samples a while back. I built a sweep generator with one of those. You can see a picture at:

<http://www.geocities.com/alibhernlem/Radio/bench1.jpg>

It is the little box toward the left with the four knobs, three tip jacks, toggle switch and T-BNC connector in front. The problem is that the frequency wanders around too much. You can get a qualitative idea of a filter or coil response but it is hard to calibrate to the scope. The controls are left to right: sweep amplitude, sweep rate, coarse frequency adjust, fine frequency adjust and the sweep/no sweep switch. The tip jacks are for ground, sweep voltage and maximum sweep voltage amplitude.

Brad

Subject: Re: Sweep Generator
From: Steven Weber (kd1jv@moose.ncia.net)
Date: Thu May 17 2001 - 08:31:12 EDT

Also look at the Maxim MAX038 function generator chip.

0.1 Hz to 20 MHz, Triangle, Sawtooth, Sine, Square and Pulse waveforms can be generated. Uses current controlled R/C oscillator and is easy to sweep, with up to 350 : 1 sweep range. Digi-Key has them, but ouch, \$21.95 each!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 17 May 2001 13:45:50 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98362] RE: RDQ: Sweep Generators
Message-ID: <078F21595FA7D411B87B00805FA728E64A4783@atlexc02ntms.h boc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

They boot pop up with a google search engine.

Jerry

-----Original Message-----
From: Stan Yarema [mailto:bg783@scn.org]
Sent: Thursday, May 17, 2001 1:13 PM

To: Low Power Amateur Radio Discussion
Subject: Re: RDQ: Sweep Generators

To see the spectrum on a scope of a wide band filter such as a low-pass TX filter you need a spectrum analyzer. Even the simpler ones are a big project. Laura's note outlines what you need.

There is a simple way to look at narrow-band filters, IF or audio filters for selectivity. A noise source as input --> filter --> detector (if IF filter) --> sound card. Spectrum analyzer software will show you the pass-band with pretty good resolution. (more below)

For example, you can see how your receivers filters are doing by feeding the audio output to your sound card. Freq51 or Gram426 software are two freeware packages that will show the pass-band. Use an antenna and tune to no signal spot for more noise. I like Freq51 for this because it has a fast rise, exponential decay option. So, it builds up an envelope of noise coming through. You can even print it out. Bandwidth is adjustable to 22 Khz maximum.

Freq51 is a DOS application that will run under windows OK. I'm not sure where I got it but it originated at the U of Mich computer science dept.

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Here are a couple of likely sites to find these packages and many others.

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The noise sources need to have equal noise at all frequencies, i.e. WHITE noise. But then, you can measure the noise without the filter and compare for accurate results.

Maybe someone else has some ideas for audio noise sources.

72 Stan, K7SY

PS - don't bother to download MicFFT, it appears to only work with the original 8 bit sound card.

Date: Thu, 17 May 2001 13:48:19 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: neqrp@jona1.net, qrp-1@Lehigh.EDU
Subject: [98363] INFORMAL NEQRP SSB RAGCHEW
Message-ID: <OFFFE9D1C0.496954F2-0N85256A4F.00617541@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Anyone who wants to join me tonight, Thursday at 8:00PM EDST
for an informal ragchew roundtable please feel free to come-on-in.

I will either be around 7.285 +- 3 or 7.245+-3 depending on BC interference
and freq useage.

If you want to warm your rigs up before the CW net please join me but we
will
disband at 8:25PM so we can move to 80M to join the CW net.

RON - N1ZSW

Date: Thu, 17 May 2001 12:38:50 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98364] RE: Mouser security redux
Message-ID: <001501c0df00\$9f57f670\$3f813389@ekdant>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jerry et al,

I don't think your statement regarding the postal service forcing UPS and
others to charge at least \$5 more is correct. I suspect that this is hearsay
and qualifies more as urban legend than fact. Just to convince myself, I
used the websites for USPS and UPS to compare rates to deliver a 2-lb
package (having dimensions of 8"x10"x6") from Colorado Springs to a small
town in MN where my parents live. For UPS purposes I specified that the
package would be picked up as part of their daily pickup (which was cheaper

than bringing it to their customer counter) and was valued at \$50. UPS also required that I specify whether the destination was a residential or business address, and I ran rates for each.

Here is what I found:

	Residential Address	Business Address
USPS Priority (2 day)	\$3.95	\$3.95
USPS Parcel Post (4 day)	\$3.45	\$3.45
UPS Ground	\$6.45	\$3.88
UPS 3-day	\$7.09	\$6.08

Note that USPS does not guarantee 2 or 4 day delivery, but my own experience is that they usually achieve it or miss by only a day.

Although this is only one example, it certainly doesn't show any evidence that UPS is forced to charge more money by the USPS. UPS ground and USPS parcel post cost about the same for business addresses. I think that in this instance the USPS has been unjustly criticized.

Everyone is entitled to their own opinions, but I really get bothered when anyone gets flogged in a public forum without supporting facts. If you're going to bash, folks, at least be certain of your facts. Of course, in this instance there may indeed be facts to support your assertion, and I wouldn't be offended at all if they were brought to light.

73 de Dave AB0GO

>You can thank the U.S. Postal service for the added cost! They forced all
>other carriers to charge a minimum of \$5.00 more than the USPS rate for
>package delivery. Nothing like a captive market!! Due to their
>inefficiencies, we have to pay and the junk mailers still get almost free
>delivery. Hummmm... what's wrong with this picture??

>

>Jerry

>W3CDE

Date: Thu, 17 May 2001 14:54:49 -0400

From: "Ed Tanton" <n4xy@att.net>

To: <n6wg@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [98365] RE: Improved 2N2222A?

Message-ID: <CKEGICNFDIMCEKEDCEHFKEGGHCAA.n4xy@att.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 2N2222A is in a metal can. The PN2222A is really the plastic part.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

R-390: Motorola SN: 374;
R-390-A: Capehart SN: 2241
51S-1 WE SN: 4389
HRO-50; HRO-60; & HRO-500
SP600-VLF SP600-JX-17 SP-600-JX-21

>-----Original Message-----

>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
>Bob Tellefsen

>Sent: Thursday, May 17, 2001 12:53 PM

>To: Low Power Amateur Radio Discussion

>Subject: Re: Improved 2N2222A?

>

>

>Hi Steve

>You could look at the 2N2219.

>I understand it is essentially the same chip, just in a metal can.

>That means you can heat sink it, and probably drive it a bit harder.

>73, bob N6WG

Date: Thu, 17 May 2001 15:06:14 -0400

From: "dave dabay" <kd3pc@mindspring.com>

To: <ekdave@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [98366] UPS Service, was mouser redux...

Message-ID: <000f01c0df04\$92e7c560\$3e4e180a@shadow>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I guess dave found out the same info I did. What strikes me as odd is that UPS makes such a difference in their pricing for "business" vs. "residential". Also ask them about delivery in "rural" areas and you will find that it is quite often "best effort" in reality. Example, where we live the trucks only run "our route" twice a week, if your package arrives in time to be processed then great, otherwise you wait until the "next" truck runs your route. USPS Doesn't care about such stuff.

I have also had UPS leave extremely dirty, greasy packages in my car (cost me \$600 for a new leather seat in my 2001 Dodge pickup, they refused to pay, it was the driver and he was disciplined) on at least 4 occasions, rather than walk the 10 steps to the front door. UPS also left a \$3K laptop next to the trash cans, all the while telling me it was delivered and signed for, this requiring going through agate and to the back yard to "hide" the package.

I am sure your mileage will vary, but in my experience it is tough to beat the PO for their lower fees, accurate delivery and service.

----- Original Message -----

From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, May 17, 2001 2:38 PM
Subject: RE: Mouser security redux

>

Date: Thu, 17 May 2001 15:06:45 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: kd3pc@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98367] Re: UPS Service, was mouser redux...
Message-ID: <3B042145.4CED7A50@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave,

I too had a problem with UPS deliveries being left on my doorstep or in the back. I make it a habit of asking people to get an authorized signature. If there is a problem I just ask UPS to prove they have a signature! I live in a residential area but delivery is daily.

73

Date: Thu, 17 May 2001 15:19:22 -0400
From: Hugo <hugo@optonline.net>
To: n6wg@earthlink.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98368] Re: Improved 2N2222A?
Message-ID: <001401c0df06\$47701720\$0200a8c0@hugocatt>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

----- Original Message -----
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, May 17, 2001 12:53 PM
Subject: Re: Improved 2N2222A?

> Hi Steve
> You could look at the 2N2219.
> I understand it is essentially the same chip, just in a metal can.
> That means you can heat sink it, and probably drive it a bit harder.
> 73, bob N6WG
>
The 2219 Ft is lower than the 2222. Might work on 3.5Mhz, thou.

72
Hugo
AA1XV
a.k.a. CX9AAK

Date: Thu, 17 May 2001 10:45:20 -0400 (EDT)
From: n2go@arrl.net
To: Terres Family <terresfm@ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98369] Re: QRP for seniors

Message-ID: <Pine.LNX.4.21.0105171036590.777-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You can specify who you want. You can refuse to be seen by a nurse anesthetist, nurse practitioner, or anyone that you think won't do the job correctly for you. Unfortunately.....the degree won't guarantee your safety. Knowledge is not exclusive to a particular degree. Expertise at using that knowledge is also not guaranteed by a degree, only inferred.

You don't have to be an engineer to build or design a qrp radio although it could be an advantage. Not all engineers can build a good qrp radio. This is apparent by the rigs that are out there.

We have the legal profession available if someone strays from good medical practice. They will handle both the nurses and the md's. The fear is unfounded.

73,

Jim n2go

Date: Thu, 17 May 2001 12:38:47 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98370] Dayton
Message-ID: <002f01c0df08\$ff27ba60\$ad11500c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hope to see a few familiar names in Dayton! 72/73 de alan
Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Thu, 17 May 2001 15:49:27 -0400
From: "David Porter" <aa3ur@home.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98371] Re: Sweep Generator

Message-ID: <002701c0df0a\$7bffc2c0\$926e0941@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, May 17, 2001 8:31 AM
Subject: Re: Sweep Generator

> Also look at the Maxim MAX038 function generator chip.
>
> 0.1 Hz to 20 MHz, Triangle, Sawtooth, Sine, Square and Pulse
> waveforms can be generated. Uses current controlled R/C oscillator and
> is easy to sweep, with up to 350 : 1 sweep range.
> Digi-Key has them, but ouch, \$21.95 each!

On the other hand, the \$25.00 minimum order isn't hard to hit.

David Porter
aa3ur@home.com
AA3UR

Date: Thu, 17 May 2001 14:02:36 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [98372] LinPSK-31
Message-ID: <Pine.LNX.4.33.0105171400100.2414-100000@cannac.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was remiss in not giving the location where LinPSK-31 can be downloaded. I corret this now. This version of psk-31 for linux can be had from:

<http://aintel.bi.ehu.es/psk31.html>

Sorry I had to find it again...:-)

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 17 May 2001 13:08:42 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98373] RE: UPS Service, was mouser redux...
Message-ID: <NBEDJCBBKGGMMPNBDCKOIEAJCFAA.rmccarty@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

A quick suggestion to those who regularly ship Qrp or other equipment.

You may want to check Fed-Ex Ground rates. A while back during the UPS strike, Fed-Ex profits skyrocketed while taking up the slack during that time. So much in fact, they bought out RPS, which specialized in ground shipments. As a result, Fed-Ex now offers Ground deliveries at cheaper rates than UPS.

I, for one, am happy to see this, as the arrogant business practices of UPS have become intolerable ("This is how we do it and there is nothing you can do about it"). I have seen this as a consumer as well as running a business requiring frequent shipping services. Perhaps competition will cause them to re-think their policies.

As an aside, I have always noticed a difference in attitude amongst the UPS and FED-EX drivers! The UPS folk always seem to be complaining whereas the Fed-Ex drivers are seemingly much happier in their jobs. Perhaps it is a top down problem.

Roger KD6CC

Date: Thu, 17 May 2001 13:06:10 -0700
From: John Rollins <kd7bcy@teleport.com>
To: qrp-l@Lehigh.EDU
Subject: [98374] Re: UPS Service, was mouser redux...

Message-ID: <a05010401b729dd717062@[216.26.3.27]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>I am sure your mileage will vary, but in my experience it is tough to beat
>the PO for their lower fees, accurate delivery and service.

I definitely like USPS better, but most places I order from don't offer that :-(UPS Ground takes at least a week to get here in the NW from the east coast, while most Priority Mail items arrive in about 3 days, although USPS doesn't go much faster than UPS for closer stuff(I once had a package from CA arrive in two days! by ground! talk about lucky...).

Just last week UPS came by and THREW a box with a Motorola Spectra in it about four feet onto the front porch! And I was standing there right in the doorway! Several months ago, I got a knife and the box was sliced across the top and fixed with a larger piece of a box. Gotta wonder about that... Maybe the guy opening boxes down there didn't like that model?

--

```
/-----\  
| http://jrollins.tripod.com/           |  
| KD7BCY      kd7bcy@teleport.com      |  
\-----/
```

Date: Thu, 17 May 2001 20:19:42 +0100

From: "Mark Paley" <mpaley@wcnet.org>

To: "Low Power Radio Group" <qrp-l@lehigh.edu>

Subject: [98375] new Kenwood radio?

Message-ID: <PGEPLCEGJDMJPHIGJMDGAEOMCKAA.mpaley@wcnet.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I received an email from Kenwood today saying they would announce a new radio tonight at their party. Anyone have any ideas on what it is? Maybe a QRP rig? Naaah, it's probably another UHF or VHF handheld...

73 de

Mark Paley--KF8KL--

K1 #117, K2 #250 QRP-L #1899

<http://wcnet.org/~mpaley>

Date: Thu, 17 May 2001 21:28:33 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [98376] Re: QRP for seniors
Message-ID: <00a801c0df0f\$f30a0ec0\$970f073e@LocalHost>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Somehow I also managed to get a copy of that direct. Did anyone else?
Not only is it off topic for a QRP list, but to spam a UK ham with
american political stuff earns an immediate brand new filter. We have an
election going on over here and it would be no more appropriate for me
to post my political opinions on this forum.
Given that this had no radio connection at all I think the "Terres
Family"
owe this list an apology.

Tony - G4WIF

----- Original Message -----
From: "Phil Wheeler" <w7ox@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, May 17, 2001 3:41 PM
Subject: Re: QRP for seniors

> Obnoxiously Off Topic, whatever one's views of things Clintonesque.
>
> Terres Family wrote:
> >
> > Clinton's Mother was a nurse anesthetist and on his last day in
office he
> > made a move to let nurses give anesthesia to Medicare patients
without the
> > supervision of a doctor.
> >
>

Date: Thu, 17 May 2001 13:48:01 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [98377] Re: LinPSK
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76FEE@hq-expo2.filenet.com>

..where?

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Thu, 17 May 2001 16:50:49 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98378] RE: LinPSK-31
Message-ID: <XFMail.20010517165049.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

The3 correct URL is:

<http://linpsk.sourceforge.net>

John W2AGN

On 17-May-2001 Karl F. Larsen wrote:

>
> I was remiss in not giving the location where LinPSK-31 can be
> downloaded. I corret this now. This version of psk-31 for linux can be had
> from:
>
> <http://aintel.bi.ehu.es/psk31.html>
>
> Sorry I had to find it again...:-)
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>

>
>

Date: Thu, 17 May 2001 17:01:19 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <w2agn@pobox.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [98379] More intervention = BS
Message-ID: <000201c0df14\$87d691a0\$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah John, but in the final analysis it's all a matter of money.

Right now, for example, trade between the US and China totals a whopping \$80 billion annually. We import about \$60 billion worth of appliances, furniture, and cheap sunglasses from China. Technology trade with Mainland China jumped 40 percent last year to \$4.6 billion. Motorola has invested \$100 million in China to set up a design center in Shanghai. Microsoft Research China expects to expand into wireless and broadband networking in Beijing. There are literally hundreds of other examples.

Even the Taiwanese have a hand in the game. Semiconductor Manufacturing International Corp., billed as the first foreign-backed foundry in Shanghai, will begin mass production of chips in China by the end of this year. A Taiwanese businessman founded SMIC, to the tune of \$1.5 billion. Similarly, Grace Semiconductor was formed by non other than Chinese President Jiang Zemin's son, in concert with a Taiwanese plastics baron. The Taiwan Ministry of Economic Affairs is planning to roll back an existing protectionist measure that restrains Taiwanese investment in China. As a result, some of the country's key technology vendors are getting set to build big facilities in Guangdong and Shanghai.

The airplane and all the other rhetoric is a lot of BS. The military-industrial establishment that sits in the White House is interested in Big Bux. The rest is Cheap Talk.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of John L. Sielke
Sent: Thursday, May 17, 2001 10:23 AM
To: Low Power Amateur Radio Discussion
Subject: RE: More intervention NOW please?

Ah, Yes. Another fine opportunity to lend financial support to a country that holds our people hostages, then blackmails us to return an airplane, to say nothing of the atrocities they commit against their own people.

John W2AGN (who would rather contribute to the Mcveigh defense fund)

On 17-May-2001 Nils R Young wrote:

> Samideanoj!

>

> Just in time to have \$40 to hand Bill Kelsey for the FOXX3 kit tomorrow,

> I went looking for "QRP" "transceiver and ended up, after looking at a

> lot of neat ideas from non-gringo places, at this URL:

> <http://www.fenghuoradio.com/>

Date: Thu, 17 May 2001 14:01:54 -0700 (PDT)

From: Stan Yarema <bg783@scn.org>

To: Hugo <hugo@optonline.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [98380] Re: Improved 2N2222A?

Message-ID: <Pine.SUN.3.96.1010517135456.20455A-100000@scn>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

My Motorola data book says both the 2N2222A and 2N2219A have min of 300 MHz Ft. They share the same data sheet. The 2N2219(A) is a great part. My Systron-Donner pulse generator uses them in the output. I run it up to 20+ MHz and it can still produce clean rectangular pulses.

The 2N2219 won't likely put out 1-2 watts. The 2N3053 is probably a good choice. They're available at R-S and Jameco and they're cheap.

72..... Stan, K7SY

Date: Thu, 17 May 2001 17:13:09 -0400

From: Joe Street <jstreet@venus.uwaterloo.ca>

To: qrp-l <qrp-l@Lehigh.EDU>

Subject: [98381] Align ears to north
Message-ID: <3B043EE5.32AA2D30@venus.uwaterloo.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As posted on the ARS site wilderness alerts section, I am leaving tonight to travel to the highest point of land in Ontario. Will be on the air evenings of May 19, 20 at 6:00 pm EDT and hourly afterwards. 10.106 or 10.126 as alternate +/- a kc or so for drift. I don't normally like to sked contacts but it is going to take a lot of effort to reach this spot and I don't want it to be in vain!!!

cul de ve3vx0

Date: Thu, 17 May 2001 17:47:30 EDT
From: DYARNES@aol.com
To: qrp-1@lehigh.edu
Subject: [98382] Book Bargains
Message-ID: <cc.1507ebc6.2835a0f2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

My wife and I are on vacation with our 5th wheel up here in Oregon. We came up here to see the NCAA regional golf tournament (in Corvallis) and root for our son who plays for Oregon State. Anyway, the other night we stopped in Medford, Oregon (actually just a few miles south), and nearby was one of those small outlet malls. One of the stores was a place called Publisher's Warehouse. I found a few real bargains. Two books by recently deceased Bill Orr, W6SAI, --The VHF Handbook (on sale for only \$1) and The Interference Handbook (on sale for \$2.99). These are not Bill's best efforts by a long shot, and perhaps of limited interest to QRPers, but they are good reading anyway.

The other bargain was the callbook on CD. This was the 1998 version, so not very current, but it is the "flying horse" version, so it has the foreign calls in it too. That made it a good buy in my view. It was also \$2.99.

Don't know if you have one of these type of places in your city (I have seen them all over), but if you do, you might check it out.

We will be up here for another week or so. Catch you all later or as we can

check email along the way.

72 de Dave W7AQK

Date: Thu, 17 May 2001 16:48:33 -0500
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: "Low power" <qrp-1@Lehigh.EDU>
Subject: [98383] NorCal Torrid Kits:
Message-ID: <007101c0df1b\$1ee97020\$97c03fd8@gene>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Still no kits received in Kansas yet. Sure need them.
Gene Sailsbury KC0IKY

Date: Thu, 17 May 2001 17:58:23 -0400 (EDT)
From: Stephan Greene <sgreene@patriot.net>
To: "John L. Sielke" <w2agn@pobox.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98384] RE: LinPSK-31
Message-ID: <Pine.LNX.4.10.10105171752440.12737-100000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 17 May 2001, John L. Sielke wrote:

> The3 correct URL is:
>
> <http://linpsk.sourceforge.net>
>
>
> John W2AGN
>
> On 17-May-2001 Karl F. Larsen wrote:
> >
> > I was remiss in not giving the location where LinPSK-31 can be
> > downloaded. I corret this now. This version of psk-31 for linux can be had
> > from:

I've been quite impressed by kpsk.

<http://apps.kde.com/uk/0/info/vid/3073?sid=42ad06908d8b12a28beeebf01db100f9>

Version 0.9.2 requires BerkelyDB 3 for logging, and allows monitoring multiple QSOs.

73 Steve KA1LM

```
-----  
Stephan A. Greene                                sgreene@patriot.net  
Senior Systems Specialist, VA Linux Systems      sgreene@valinux.com  
Mid-Atlantic Region                             1-888-LINUX-4U x5774  
Amateur KA1LM@amsat.org  Grid FM18hx           38 59'83.33"N 77 23'6.15"W  
-----
```

```
-----  
Date: Thu, 17 May 2001 18:11:35 EDT  
From: NA1XX@aol.com  
To: qrp-l@lehigh.edu  
Subject: [98385] re: QRP for Seniors  
Message-ID: <d.14c1dbb6.2835a697@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit
```

> Clinton's Mother was a nurse anesthetist and on his last day in office he
> made a move to let nurses give anesthesia to Medicare patients without the
> supervision of a doctor.

Maybe the guy meant to write QRT for Seniors in the subject line.

Sorry
NA1XX
Mike Connelly
North Weymouth MA
QRP-L # 1588
"When All Else Fails ... CW."

```
-----  
Date: Thu, 17 May 2001 15:16:11 -0700  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [98386] Re: Align ears to north  
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F43099802EB@blaze.bccsc.gov.bc.ca>  
Content-return: allowed  
MIME-version: 1.0
```

Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Shouldn't be too difficult to climb that 200 foot hill, Joe <grin>

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Thu, 17 May 2001 15:20:48 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: gsailsbury@mobill1.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98387] RE: NorCal Torrid Kits:
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A964B5D6@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Perhaps you ordered the wrong kit?

torrid: giving off intense heat; passionate

toroid: a body in the shape of a torus; a form with a closed magnetic path

> -----Original Message-----
> From: Gene Sailsbury [mailto:gsailsbury@mobill1.net]

> Still no kits received in Kansas yet. Sure need them.
> Gene Sailsbury KC0IKY
>

Date: Thu, 17 May 2001 17:29:01 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'terresfm@ncia.net'" <terresfm@ncia.net>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [98388] RE: QRP for seniors
Message-ID: <01C0DEF6.DD900C20.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

"The change has not taken effect yet. This is the last chance to let your opinion be known."

Well, what is my opinion?

More importantly, what's it got to do with this group?

72--Nick, WA5BDU

Date: Thu, 17 May 2001 15:28:41 -0700
From: <schoon@amgt.com>
To: <qrp-1@Lehigh.EDU>, <DYARNES@aol.com>
Subject: [98389] RE: Book Bargains
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BD-010517222841Z-1188@ag-basalt-pxy.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

You are only a couple of hours from the Red Door Cafe in Yaquina Bay, OR. That's where the QRPacific Club meets. Not sure as to the time, but it's on Sat mornings.

72

.mark

>-----
>From: DYARNES@aol.com[SMTP:DYARNES@aol.com]
>Sent: Thursday, May 17, 2001 2:47 PM
>To: Low Power Amateur Radio Discussion
>Subject: Book Bargains
>
>Hi All,
>
>My wife and I are on vacation with our 5th wheel up here in Oregon. We came
>up here to see the NCAA regional golf tournament (in Corvallis) and root for
>our son who plays for Oregon State. Anyway, the other night we stopped in
>Medford,Oregon(actually just a few miles south), and nearby was one of those
>small outlet malls. One of the stores was a place called Publisher's

>Warehouse. I found a few real bargains. Two books by recently deceased Bill
>Orr, W6SAI, --The VHF Handbook (on sale for only \$1) and The Interference
>Handbook (on sale for \$2.99). These are not Bill's best efforts by a long
>shot, and perhaps of limited interest to QRPers, but they are good reading
>anyway.

>

>The other bargain was the callbook on CD. This was the 1998 version, so not
>very current, but it is the "flying horse" version, so it has the foreign
>calls in it too. That made it a good buy in my view. It was also \$2.99.

>

>Don't know if you have one of these type of places in your city (I have seen
>them all over), but if you do, you might check it out.

>

>We will be up here for another week or so. Catch you all later or as we can
>check email along the way.

>

>72 de Dave W7AQK

>

>

>

Date: Thu, 17 May 2001 18:30:27 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: rmccarty@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98390] Re: UPS Service, was mouser redux...
Message-ID: <3B045103.317E597E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I hope we don't get too far along with this thread. If you really want to hear
and read about UPS horror stories check the boat anchors groups. They have such
a bad reputation there that it is almost a sin to mention them!

73

End of QRP-L Digest 2192

